



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

BIBDATASHEET

Bib Data Sheet

CONFIRMATION NO. 4716

SERIAL NUMBER 09/841,284	FILING DATE 04/24/2001 RULE	CLASS 166	GROUP ART UNIT 3672	ATTORNEY DOCKET NO. 5659-06000/EBM
-----------------------------	---------------------------------------	--------------	------------------------	--

APPLICANTS

Harold J. Vinegar, Houston, TX;

Scott Lee Wellington, Bellaire, TX;

Eric Pierre de Rouffignac, Houston, TX; John Michael Karanikas, Houston, TX;

Ilya Emil Berchenko, Friendswood, TX;

George Leo Stegemeier, Houston, TX;

Gordon Thomas Shahin JR., Bellaire, TX;

Kevin Albert Maher, Bellaire, TX;

Etuan Zhang, Houston, TX;

Thomas David Fowler, Katy, TX;

Robert Charles Ryan, Houston, TX;

** CONTINUING DATA *****

This appln claims benefit of 60/199,215 04/24/2000

and claims benefit of 60/199,214 04/24/2000

and claims benefit of 60/199,213 04/24/2000

** FOREIGN APPLICATIONS *****

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

** 06/29/2001

Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no	STATE OR	SHEETS	TOTAL	INDEPENDENT
35 USC 119 (a-d) conditions met <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after Allowance	COUNTRY	DRAWING	CLAIMS	CLAIMS
Verified and Acknowledged	TX	104	136	5
Examiner's Signature: <i>George Luchfield</i> Initials				

ADDRESS

DEL CHRISTENSEN
 SHELL OIL COMPANY
 P.O. BOX 2463
 HOUSTON, TX
 77252-2463

TITLE

IN SITU THERMAL PROCESSING OF A COAL FORMATION TO INCREASE A PERMEABILITY/POROSITY
 OF THE FORMATION

FILING FEE	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees (Filing)
		<input type="checkbox"/> 1.17 Fees (Processing Ext. of time)